AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method ~~Method~~ of detecting the orientation of a radiographic image represented by a digital signal representation comprising calculating ~~characterised in that~~ mathematical moments of said digital signal representation relative to different reference entities ~~are calculated~~ and ~~that~~ obtaining a decision on the orientation of said radiographic image ~~is obtained~~ on the basis of an extreme value (maximum, minimum) of the calculated moment(s).

2. (Original) A method according to claim 1 wherein said moment is a cartesian moment which moment weights the digital signal representation by a function of at least one spatial coordinate x or y.

3. (Original) A method according to claim 2 wherein said moment is calculated with respect to a cartesian co-ordinate system the axes of which are substantially parallel to the boundaries of said image.

4. (Original) A method according to claim 1 wherein said moments are two-dimensional moments.

5. (Original) A method according to claim 1 wherein said moments are one-dimensional moments obtained by projecting the digital signal representation of said image onto a predefined axis.

6. (Original) A method according to claim 5 wherein said axis is parallel to one of the boundaries of said image.

7. (Original) A method according to claim l wherein a moment is generated with respect to at least one predefined point.

8. (Original) A method according to claim 1 wherein said digital signal representation is a function of at least one derivative of an original digital signal

representation.

9. (Original) A method according to claim 8 wherein said derivative is the first order edge gradient.

10. (Original) A method according to claim 1 wherein collimation area are excluded from said digital signal representation.

11. (Original) A method according to claim 1 wherein direct exposure area are excluded from said digital signal representation.

12. (Currently Amended) A method of orienting an object in an image represented by a digital signal representation into a desired orientation comprising the steps of:
[[-]] deriving orientation of said object relative to a reference entity, and
[[-]] subjecting the digital signal representation of said object to an orientation modifying geometric transformation to yield said desired orientation.

13. (Original) A method according to claim 12 wherein said orientation is obtained according to claim 1.

14. (Previously Presented) A computer program product adapted to carry out the method of claim 1when run on a computer.

15. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 1.

16. (Previously Presented) A computer program product adapted to carry out the method of claim 2 when run on a computer.

17. (Previously Presented) A computer program product adapted to carry out the method of claim 3 when run on a computer.

18. (Previously Presented) A computer program product adapted to carry out the method of claim 4 when run on a computer.

19. (Previously Presented) A computer program product adapted to carry out the method of claim 5 when run on a computer.

20. (Previously Presented) A computer program product adapted to carry out the method of claim 6 when run on a computer.

21. (Previously Presented) A computer program product adapted to carry out the method of claim 7 when run on a computer.

22. (Previously Presented) A computer program product adapted to carry out the method of claim 8 when run on a computer.

23. (Previously Presented) A computer program product adapted to carry out the method of claim 9 when run on a computer.

24. (Previously Presented) A computer program product adapted to carry out the method of claim 10 when run on a computer.

25. (Previously Presented) A A computer program product adapted to carry out the method of claim 11 when run on a computer.

26. (Previously Presented) A computer program product adapted to carry out the method of claim 12 when run on a computer.

27. (Previously Presented) A computer program product adapted to carry out the method of claim 13 when run on a computer.

28. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 2.

29. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 3.

30. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 4.

31. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 5.

32. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 6.

33. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 7.

34. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 8.

35. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 9.

36. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 10.

37. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 11.

38. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 12.

39. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 13.

40. (Previously Presented) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 14.

This listing of claims replaces all prior versions, and listings, of claims in the application.